

Isolate detail

Isolate name: A/chicken/East_Java/Av225/2014
 Isolate ID: EPI_ISL_307017
 Type: A / H5N1
 Passage details/history: E1
 Lineage:

Sample information

Collection date: 2014-01-26
 Location: Indonesia / East Java
 Host: Gallus gallus domesticus
 Additional location information:
 Additional host information:
 Health status: Sick
 Domestic status: Domestic
 Specimen source: Cloacal swab
 Vaccinated: N
 Strain or commercial product name used for vaccination:

Institute information

Originating lab: Institute of Tropical Disease, Universitas Airlangga
 Address: Institute of Tropical Disease, Universitas Airlangga Mulyorejo Surabaya, Indonesia
 Sample ID given by the sample provider: Av225
 Submitting lab: Kobe University Graduate School of Medicine
 Address: Kobe University Graduate School of Medicine Center for Infectious Diseases 7-5-2 Kusunoki-cho, Chuo-ku, Hyogo Prefecture Kobe 650-0017 Japan
 Sample ID given by the submitting laboratory: Av225
 Authors: AM,Nastri; AL,Poetranto; ED,Poetranto; SPA,Wahyuningsih; W,Darmanto; EF,Puruhito; L,Wulandari; G,Soegiarto; YK,Shimizu; Y,Mori; K,Shimizu

In vivo antiviral resistance - Unspecified

Adamantanes: Unknown
 Oseltamivir: Unknown
 Zanamivir: Unknown
 Peramivir: Unknown

Other: Unknown

In vivo antiviral resistance - Genotype: Unknown

In vivo antiviral resistance - Phenotype: Unknown

Antigenic
characterisation:

Note:

Sequence

segment	identifier	length	accession #	INSDC
HA	A/chicken/East_Java/Av225/2014	1752	EPI1215582	

Submitter information

Submitter: Shimizu, Kazufumi

Submission Date: 2018-04-18

Last modifier: Shimizu, Kazufumi

Last modified: 2019-07-18

Address: Kobe University Graduate School of Medicine Center for Infectious
Diseases 7-5-2 Kusunoki-cho, Chuo-ku, Hyogo Prefecture Kobe
650-0017 Japan



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Analysis

Segment	Type	Lineage	Identifier	Length	Accession #
HA	A / H5		A/chicken/East_Java/Av 225/2014	1752	EPI1215 582

```
0001 agggttcact ctgtcaaaat ggagaagata attcttctat
ttgcaacaat cagccttgct aaaagcgatc atatttgcac
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0241 ggatggctcc ttggaaatcc attgtgtgac gaattcacca
atgtgccaga atggtcttac atagtagaga aggccaatcc
0321 agccaatgac ctctgttacc caggaaattt caacgattat
gaagaattga aacacctatt gagtaggata aaccattttg
0401 agaaaataca gatcatcccc aaagattctt ggtcagatca
tgaagcctca ttgggggtga ggcagcatg ttcataaccag
0481 ggaaattcct cttcttcag aaatgtggtg tggcttatca
aaaagggcaa tgcataatcca acaataaaga aaagctacaa
0561 taacaccaac cgagaagatc tattgatact gtggggaatc
caccatccta atgatgaggc agagcagaca aggctctatc
0641 aaaaccaaac tacctatatt tccattggga cttcaacact
aaaccagaga ttggtaccaa aaatagccac taggtccaaa
0721 ataaacgggc aaagtggcag gatagatttc ttttgacaa
ttttaaaacc gaatgacgca atccacttcg agagtaatgg
0801 aaatttcatt gctccagaat atgcatacaa aattgtcaag
aaaggagact ccacaatcat gagaagtga gtggaatatg
```



Blast HA



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HA to...**



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0881 gtaactgcaa caccaggtgt cagactccaa taggggcat
aaactctagt atgccattcc acaacatata ccctctcacc
0961 atcggagagaat gtcccaaata tgtgaagtca aacaaattag
tccttgcaac tggggtcaga aatagtcctc aaagagagag
1041 aagaagaaaa agaggactgt ttggagctat agcaggtttt
atagaggag gatggcagg aatggtagat ggttggtatg
1121 ggtaccacca cagcaatgaa caggggagt gttacgctgc
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1201 aataagggtca attcgatcat tgacaaaatg aacactcagt
ttgaggctgt aggaaggag ttaataact tagagaggag
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gatgtctgga cttataatgc tgaacttctg gttctcatgg
1361 agaatgagag aactctagac ttccatgact caaatgtcaa
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1441 gcaaaagagc tgggaaacgg ttgttttgag ttctatcaca
aatgtaataa tgaatgtatg gaaagtgtaa gaaacgggac
1521 gtatgactac ccgcagtatt cagaagaagc aagattaaaa
agagaggaaa taagtggagt aaaactggaa tcaataggaa
1601 tctaccaaat actgtcaatt tattcaacag tggcgagttc
cctagtgtcg gcaatcatga tggctgttct atctttatgg
1681 atgtgttcca acgggtcgtt acagtgcaga atttgcaatt
aagtttgtga attcagattg tagttaaaaa ca

gene HA complete CDS

0001 MEKIILLFAT ISLVKSDHIC IGYHANNSTE KVDTIMEKNV
TVTHAQDILE KTHNGKLCDL NGVKPLILKD CSVAGWLLGN
0081 PLCDEFTNVP EWSYIVEKAN PANDLCYPGN FNDYEELKHL
LSRINHFEKI QIIPKDSWSD HEASLGVSAA CSYQGNSSFF
0161 RNVVWLIKKG NAYPTIKKSY NNTNREDLLI LWGIHHPNDE
AEQTRLYQNP TTYISIGTST LNQRLVPKIA TRSKINGQSG
0241 RIDFFWTILK PNDAIHFESN GNFIAPYAY KIVKKGDSI
MRSEVEYGNC NTRCQTPIGA INSSMPFHNI HPLTIGECPK
0321 YVKSNNKLVL TGLRNSPQRE RRRKRGLFGA IAGFIEGGWQ
GMVDGWYGYH HSNEQGSYGA ADKESTQKAI DGVTNKVNSI
0401 IDKMNTQFEA VGREFNLER RIENLNKKME DGFLDVWTYN
AELLVLMENE RTLDFHDSNV KNLYDKVRLQ LKDNAKELGN
0481 GCFEFYHKCN NECMESVRNG TYDYPQYSEE ARLKREEISG
VKLESIGIYQ ILSIYSTVAS SLVLAIMMAG LSLWMCSNGS
0561 LQCRICN



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e HA



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